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## c. ) Amendments to the Claims

1. (currently amended) In a computer apparatus having a processor and a display for portraying computer-generated graphic objects, the computer being controllable through user interactions with graphic objects on the display, a method for creating and manipulating graphic charts, said method comprising:

displaying one or more graphic control devices on said display that are controllable by a user to change numeric values of said graphic control devices;

10 selectively associating each one or more of said graphic control devices to respective numeric settings and text labels so that said numeric values of said one or more graphic control devices correspond to one or more chart components to be displayed in a graphic chart that is being created, including the further steps of;

15 drawing a first arrow that appears on said display to select at least ~~some~~ one of said graphic control devices, and modifying said first arrow to specify a type of graphic chart to be displayed;

and

displaying said one or more chart components on said display of said at least ~~some-~~ one graphical control devices in said type of graphic chart, each of said chart components visually representing a respective one of said numeric values of said at least ~~some-~~ one graphic control devices.

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2. (currently amended) The method of claim 1 further comprising:  
changing a numeric value of a selected graphic control device of said  
graphic control device; and  
changing the size of one of said chart components on said display that  
5 corresponds to said selected graphic control device to reflect said changing of  
said numeric value.
3. (currently amended) In a computer apparatus having a processor and  
a display for portraying computer-generated graphic objects, the computer  
10 being controllable through user interactions with graphic objects on the  
display, a method for creating and manipulating graphic charts, said method  
comprising:  
displaying one or more graphic control devices on said display that are  
controllable by a user to change numeric values of said graphic control  
15 devices;  
selectively associating said one or more graphic control devices to a  
graphic chart to be created so that said numeric values of said graphic control  
devices correspond to one or more chart components of said graphic chart;  
displaying said one or more chart components on said display to create  
20 said graphic chart, said chart components visually representing said numeric  
values of said at least one graphic control devices;  
deleting a selected graphic control device of said graphic control devices;  
and

removing from said display a chart component that corresponds to said selected graphic control device from said graphic chart.

4. (currently amended) In a computer apparatus having a processor and a display for portraying computer-generated graphic objects, the computer  
5 being controllable through user interactions with graphic objects on the display, a method for creating and manipulating graphic charts, said method comprising:

displaying one or more graphic control devices on said display that are controllable by a user to change numeric values of said graphic control  
10 devices;

selectively associating said one or more graphic control devices to a graphic chart to be created so that said numeric values of said one or more graphic control devices correspond to one or more chart components of said graphic chart;

15 displaying said one or more chart components on said display to create said graphic chart, said chart components visually representing said numeric values of said graphic control devices;

associating an additional graphic control device having a numeric value to said graphic chart; and

20 inserting an additional chart component into said graphic chart on said display in response to said associating of said additional graphic control

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device, said additional chart component corresponding to said additional graphic control device such that said numeric value of said additional graphic control device is visually represented by said additional chart component.

5           5. (original) The method of claim 1 wherein said displaying of said graphic control devices includes programming said graphic control devices with at least one of text and numeric value.

6. (previously amended) The method of claim 1 further comprising  
10 displaying a chart key on said display that corresponds to said graphic chart, said chart key including informational data associated with said chart components of said graphic chart.

7. (original) The method of claim 6 wherein said informational data  
15 associated with said chart components included in said chart key comprises one of label, color, relative percentage, and a numeric value.

8. (previously amended) The method of claim 6 further comprising:  
changing an element of said informational data; and  
20 changing related elements in said graphic control devices and said graphic chart on said display in response to said changing of said element of said informational data.

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9. (previously amended) The method of claim 6 further comprising:  
changing a numeric value of a selected graphic control device of said  
graphic control device;

5 changing the size of one of said chart components on said display that  
corresponds to said selected graphic control device in response to said  
changing of said numeric value; and  
changing said information data included in said chart key to reflect said  
changing of said numeric value.

10

10. (currently amended) In a computer apparatus having a processor and  
a display for portraying computer-generated graphic objects, the computer  
being controllable through user interactions with graphic objects on the  
display, a method for creating and manipulating graphic charts, said method  
15 comprising:

displaying one or more graphic control devices on said display that are  
controllable by a user to change numeric values of said graphic control  
devices;

selectively associating said one or more graphic control devices to a  
20 graphic chart to be created so that said numeric values of at least one of said  
graphic control devices correspond to one or more chart components of said  
graphic chart;

displaying said one or more chart components on said display to create said graphic chart, said chart components visually representing said numeric values of said at least one graphic control devices;

5 associating an additional graphic control device having a numeric value to said graphic chart and a second graphic chart; and

inserting a first additional chart component into said graphic chart on said display and a second additional chart component into said second graphic chart on said display in response to said associating of said additional graphic control device, said first and second additional chart components  
10 corresponding to said additional graphic control device such that said numeric value of said additional graphic control device is visually represented on said display by said first and second additional chart components.

11. (original) The method of claim 10 further comprising:  
15 changing said numeric value of said additional graphic control device;  
and  
changing the size of said first and second additional chart components to reflect said changing of said numeric value.

20 12. (previously amended) The method of claim 10 further comprising displaying a first chart key on said display that corresponds to said graphic chart and a second chart key on said display that corresponds to said second graphic chart, said first chart key including first informational data associated  
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with chart components of said graphic chart, said second chart key including second informational data associated with chart components of said second graphic chart.

- 5           13. (original) The method of claim 12 further comprising:  
            changing an element of said first informational data associated with said  
            additional graphic control device; and  
            changing related elements in said additional graphic control device, said  
            graphic chart, said second graphic chart, and said second information data in  
10     response to said changing of said element of said first informational data.

14. (currently amended) In a computer apparatus having a processor and  
            a display for portraying computer-generated graphic objects, the computer  
            being controllable through user interactions with graphic objects on the  
15     display, a method for creating and manipulating graphic charts on the display,  
            said method steps comprising:  
            displaying one or more graphic control devices on said display that are  
            controllable by a user to change numeric values of said graphic control  
            devices;

- 20           selectively associating said one or more graphic control devices to a  
            graphic chart to be created so that each of said numeric values of said graphic  
            control devices correspond to a respective one or more of the chart components  
            of said graphic chart;

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said step of selectively associating said graphic control devices to a graphic chart including drawing a first arrow to select at least ~~some~~ one of said graphic control devices, and modifying said first arrow to specify a type of graphic chart to be displayed;

5           and

displaying said chart components on said display corresponding to said at least ~~some~~ one graphical control devices in said type of graphic chart, said chart components visually representing said numeric values of said at least ~~some~~ one graphic control devices.

10

15. (previously amended) The computer apparatus of claim 14 further comprising:

changing a numeric value of a selected graphic control device of said graphic control device; and

15           changing the size of one of said chart components that corresponds to said selected graphic control device to reflect said changing of said numeric value.

16. (currently amended) In a computer apparatus having a processor and a display for portraying computer-generated graphic objects, the computer  
20   being controllable through user interactions with graphic objects on the

display, a method for creating and manipulating graphic charts on the display,  
said method steps comprising:

- displaying one or more graphic control devices on said display that are  
controllable by a user to change numeric values of said graphic control  
5 devices;
- selectively associating said one or more graphic control devices to a  
graphic chart to be created so that said numeric values of said graphic control  
devices correspond to one or more chart components of said graphic chart;
- displaying said one or more chart components on said display to create  
10 said graphic chart, said chart components visually representing said numeric  
values of said one or more graphic control devices;
- deleting a selected graphic control device of said graphic control devices;
- and
- removing a chart component on said display that corresponds to said  
15 selected graphic control device from said graphic chart.

17. (currently amended) In a computer apparatus having a processor and  
a display for portraying computer-generated graphic objects, the computer  
being controllable through user interactions with graphic objects on the  
20 display, a method for creating and manipulating graphic charts on the display,  
said method steps comprising:

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displaying one or more graphic control devices on said display that are controllable by a user to change numeric values of said graphic control devices;

selectively associating said one or more graphic control devices to a  
5 graphic chart to be created so that said numeric values of said graphic control devices correspond to one or more chart components of said graphic chart;

displaying said one or more chart components on said display to create said graphic chart, said chart components visually representing said numeric values of said one or more graphic control devices;

10 associating an additional graphic control device having a numeric value to said graphic chart; and

inserting an additional chart component into said graphic chart on said display in response to said associating of said additional graphic control device, said additional chart component corresponding to said additional  
15 graphic control device such that said numeric value of said additional graphic control device is visually represented by said additional chart component.

18. (previously amended) The computer apparatus of claim 14 wherein said displaying of said graphic control devices includes programming said  
20 graphic control devices with at least one of text and numeric value.

19. (previously amended) The computer apparatus of claim 14 further comprising displaying a chart key on said display that corresponds to said graphic chart, said chart key including informational data associated with said chart components of said graphic chart.

5

20. (previously amended) The computer apparatus of claim 19 wherein said informational data associated with said chart components included in said chart key comprises one of label, color, relative percentage, and a numeric value.

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21. (previously amended) The computer apparatus of claim 19 further comprising:

changing an element of said informational data; and

changing related elements in said graphic control devices and said graphic chart in response to said changing of said element of said informational data.

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22. (previously amended) The computer apparatus of claim 19 further comprising:

changing a numeric value of a selected graphic control device of said

graphic control device;

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changing the size of one of said chart components that corresponds to said selected graphic control device in response to said changing of said numeric value; and

changing said information data included in said chart key to reflect said  
5 changing of said numeric value.

23. (currently amended) In a computer apparatus having a processor and a display for portraying computer-generated graphic objects, the computer being controllable through user interactions with graphic objects on the  
10 display, a method for creating and manipulating graphic charts on the display, said method steps comprising:

displaying one or more graphic control devices on said display that are controllable by a user to change numeric values of said graphic control devices;

15 selectively associating said one or more graphic control devices to a graphic chart to be created so that each of said numeric values of said graphic control devices correspond to one or more chart components of said graphic chart;

displaying said one or more chart components to create said graphic  
20 chart, said chart components visually representing said numeric values of said one or more graphic control devices;

associating an additional graphic control device having a numeric value to said graphic chart and a second graphic chart; and

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inserting a first additional chart component into said graphic chart on  
said display and a second additional chart component into said second graphic  
chart on said display in response to said associating of said additional graphic  
control device, said first and second additional chart components  
5 corresponding to said additional graphic control device such that said numeric  
value of said additional graphic control device is visually represented by said  
first and second additional chart components.

24. (previously amended) The computer apparatus of claim 23 further  
10 comprising:

changing said numeric value of said additional graphic control device;  
and

changing the size of said first and second additional chart components to  
reflect said changing of said numeric value.

15

25. (previously amended) The computer apparatus of claim 23 further  
comprising displaying a first chart key that corresponds to said graphic chart  
and a second chart key that corresponds to said second graphic chart, said first  
chart key including first informational data associated with chart components  
20 of said graphic chart, said second chart key including second informational  
data associated with chart components of said second graphic chart.

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26. (previously amended) The computer apparatus of claim 25 further comprising:

changing an element of said first informational data associated with said additional graphic control device; and

5 changing related elements in said additional graphic control device, said graphic chart, said second graphic chart, and said second information data in response to said changing of said element of said first informational data.

27. (previously amended) The method of claim 1, wherein said  
10 modifying step includes drawing a second, modifier arrow to intersect said first arrow, displaying a text cursor at the head end of said modifier arrow, and entering at said text cursor a modifier word that describes said type of graphic chart.

15 28. (previously amended) The computer apparatus of claim 14, wherein said modifying step includes drawing a second, modifier arrow to intersect said first arrow, displaying a text cursor at the head end of said modifier arrow, and entering at said text cursor a modifier word that describes said type of graphic chart.